

**Amendments to the Claims**

This listing of claims will replace all prior versions, and listings, of claims in the above-captioned application.

**Listing of Claims:**

1. (currently amended) A portable measuring instrument, particularly for use in sport, comprising:

a housing ~~(6) provided with~~ comprising:

a sensor<sub>1</sub> ~~(34)~~;

a receiver<sub>1</sub> ~~(27)~~;

a transmitter<sub>1</sub> and

a processing unit<sub>1</sub> ~~(26), characterized in that~~

wherein the housing is adapted to transmit signals coming from the housing's sensor ~~(34)~~ to a remote display the housing intended to be worn by a user, and wherein the housing ~~and to function~~ as a relay by receiving signals coming from a remote detector intended to be worn by a user and retransmitting these signals to the ~~remote display~~ housing.

2. (currently amended) The instrument ~~as claimed in~~ of claim 1, characterized in that wherein

the housing ~~is provided with~~ comprises an accelerometer.

3. (currently amended) The instrument ~~as claimed in of~~ claim 2, ~~characterized in that wherein~~ the housing further comprises a processing means connected to the accelerometer, and wherein these the processing means being is adapted to form a pedometer.
4. (currently amended) The instrument of claim 1, wherein ~~as claimed in any one of the preceding claims, characterized in that~~ the housing comprises a display screen ~~(35)~~.
5. (currently amended) The instrument ~~as claimed in of~~ claims 3 and 4, ~~characterized in that wherein~~ the housing is adapted to display data associated with the pedometer directly on the display screen or ~~to transmit this the~~ data to a remote display.
6. (currently amended) The instrument of claim 1, wherein ~~as claimed in one of the preceding claims, characterized in that~~ the processing unit ~~(26)~~ is able to provide a secondary signal encoding a measurement signal and a secondary identification code.
7. (currently amended) The instrument of claim 1, further comprising ~~as claimed in any one of the preceding claims, characterized in that it comprises~~ a remote display ~~(7)~~ comprising:  
  
a display screen; ~~(7a)~~ and  
  
a secondary receiver ~~(30)~~.
8. (currently amended) The instrument ~~as claimed in of~~ claim 7, ~~characterized in that~~

wherein the display ~~(7)~~ comprises a secondary processing stage ~~(32)~~ able to identify a secondary signal according to a secondary identification code inserted in a frame of the secondary signal.

9. (currently amended) The instrument ~~as claimed in any one of the preceding claims,~~  
~~characterized in that it comprises~~of claim 1, further comprising a remote detector ~~(20)~~  
comprising:  
  
a sensor<sub>1</sub> ~~(21)~~ and  
  
a primary transmitter ~~(23)~~.
10. (currently amended) The instrument ~~as claimed in~~of claim 9, characterized in that  
wherein the detector ~~(20)~~ comprises a processing stage ~~(22)~~ able to provide a primary  
signal encoding a measurement signal of the sensor and a primary identification code.
11. (currently amended) The instrument ~~as claimed in any one of the preceding claims,~~  
~~characterized in that~~of claim 1, wherein the housing ~~(6)~~ ~~is provided with~~ comprises  
detachable fixing components ~~(17, 18)~~.
12. (currently amended) The instrument ~~as claimed in one of claims 7 or 8, characterized in~~  
~~that~~ wherein the display is provided with means of fixing directly on the user ~~and/or~~ on a  
part of the user's equipment, such as the frame of a cycle.
13. (new) The instrument of claim 5, wherein the processing unit is able to provide a  
secondary signal encoding a measurement signal and a secondary identification code.

14. (new) The instrument of claim 7, further comprising a remote detector comprising:  
  
a sensor; and  
  
a primary transmitter.
15. (new) The instrument of claim 14, wherein the detector comprises a processing stage able to provide a primary signal encoding a measurement signal of the sensor and a primary identification code.
16. (new) The instrument of claim 8, wherein the display is provided with means of fixing directly on the user and on a part of the user's equipment, such as the frame of a cycle.